



**PHYSICS AND ASTRONOMY  
ARCNet  
SPECIAL SEMINAR**

**Dr. Hossen Teimoorinia**

Herzberg Astronomy and Astrophysics (HAA)

**“Assessment of astronomical images using  
combined machine learning models”**

Abstract

"We present a Machine Learning (ML) based approach for classify astronomical images on the basis of data-quality via an examination of sources detected in the reach of